

**IDENTIFICATION AND VERIFICATION OF METHYLATION MARKER
SEQUENCES**

ABSTRACT

5 The present invention relates to methods for identifying among the genes that are down-regulated in cells or tissues having disease including cancer, the CpG sites within the CpG islands of said genes, wherein the identified CpG sites show great potential for diagnostic utility. In another aspect, the present invention also provides methods of using the selected CpG sites for purposes of diagnosis, prognosis, staging, assessing or monitoring the therapy of or recovery from a disease such as cancer.

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